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May 17, 2002

Ref: 3368-20548

Office of Conservation
P. O. Box 94275
Baton Rouge, La 70804-9275
Attn: Mr. Todd Keating

Re: Commingling Facility No. 93234
Authority to add production from
Exxon-Mobil No. 1
Raphael Pass Field
Plaquemines Parish, Louisiana

Dear Mr. Keating:

Enclosed herein is a revised Exhibit "C" which should be substituted for the Exhibit "C" sent with our April 23, 2002 request. It is ~~these gas~~ and condensate allocation calculations which should be made a part of our application. In all other respects, our request remains the same.

Very truly yours,


William F. Bailey

WFB/ht
Enclosure
cc: Mr. Richard Hudson
District Manager, Office of Conservation

All Interested Parties, Interested Owners
and Represented Parties

GAS AND CONDENSATE ALLOCATION CALCULATIONS

VUA FACILITY PORTION ONLY

COMMINGLING FACILITY No. 1

5500' RA SUA; S/L 16472 #1 and 5500' RA SUB; Exxon-Mobil #1

Gas Allocation:

$$\frac{\text{Dry Gas Metered Test Volume}}{\sum \text{Dry Gas Metered Test Volumes}} = \text{Gas Allocation Factor}$$

$$\text{Allocated VUA Facility Dry Gas Sales} \times \text{Gas Allocation Factor} = \text{Allocated WH Dry Gas Sales}$$

Condensate Allocation:

$$\frac{\text{Condensate Test Volume}}{\sum \text{Condensate Test Volumes}} = \text{Condensate Allocation Factor}$$

$$\text{VUA Facility Condensate Sales} \times \text{Condensate Allocation Factor} = \text{Allocated WH Condensate Sales}$$

EXHIBIT "C"

JAMES A. WHITSON, JR.

RAPHAEL PASS FIELD
PLAQUEMINES PARISH, LOUISIANA

ALLOCATION OF GAS
AND CONDENSATE

VUA FACILITY PORTION ONLY
COMMINGLING FACILITY No. 1

FRANK A. CORMIER & ASSOC.

PET. ENGR.

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April 23, 2002

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Office of Conservation
P. O. Box 94275
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Attn: Mr. Todd Keating

Re: Commingling Facility No. 93234
Authority to add production from
Exxon-Mobil No. 1
Raphael Pass Field
Plaquemines Parish, Louisiana

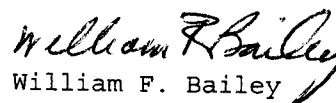
Dear Mr. Keating:

Pursuant to the provisions of Statewide Order No. 29-D-1 James A. Whitson, Jr. requests a public hearing under La. R.S. 30:6 seeking authority to commingle hydrocarbons produced from the referenced in their existing Facility No. 1 (93234). In connection therewith, please find the enclosed materials for your review:

1. Description of commingling facilities
2. Schematic diagram of the commingling facilities
3. Allocation formulas, and
4. A list of all known Interested Owners, Represented Parties and Interested Parties.

Finally, there is enclosed our check in the amount of \$700.00 made payable to the Office of Conservation representing the required Commingling Hearing Application Fee.

Very truly yours,


William F. Bailey

WFB/ht
Enclosure

cc: Mr. Richard Hudson
District Manager, Office of Conservation

All Interested Parties, Interested Owners
and Represented Parties

GAMD-LAF:17457-1

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Commingling Facility No. 1 (93234)
Raphael Pass Field
Plaquemines Parish, Louisiana
James A. Whitson, Jr.

General

Production from wells on the 5500 RA SUA SL 16472 #1, Exxon-Mobil #1 (probable unit well for proposed 5500 RA SUB), VUA Delta Duck Club #1, 8100 RA SUA Delta Duck Club #3 ALT, 7200 RA SUA Delta Duck Club #2, and 8100 RA SUA Delta Duck Club #4 is routed to Commingling Facility No. 1 (93234) described below and shown on the attached schematic. The system consists of three sub-facilities; VUA Facility, DDC Facility and Barge Facility.

VUA Facility

Gas production from 5500 RA SUA SL 16472 #1 and Exxon-Mobil #1 (probable unit well for proposed 5500 RA SUB) is routed to this facility through individual wet gas meters and heaters, then in a common flowline into the separator at the facility itself. High-pressure gas from the separator is measured with an orifice meter and commingled in the glycol dehydration unit. From there, it is routed to sales or gas lift. All gas sent to sales or gas lift is measured with orifice meters. Liquid from the Compressor Scrubber flows through a liquid meter is commingled with liquid from the separator and routed to the heater treater on the DDC Facility. Periodic samples are taken from the Compressor Scrubber to determine hydrocarbon content and calculate monthly well tests for the Compressor Scrubber.

Gas from the high-pressure separator is measured with an orifice meter and commingled in the glycol dehydration unit. Gas from the low-pressure separator is measured with an orifice meter and commingled in the compressor. Condensate production from the low-pressure separator is sent to a separate storage tank on the VUA Facility.

Gas is allocated to this facility utilizing the procedure outlined in the "Measurement" section below. With the exception of liquids from the compressor scrubber, condensate from this facility is not commingled with the other two facilities. Both gas and condensate allocated to the VUA facility is then allocated to the 5500 RA SUA SL 16472 #1 and the 5500 RA SUB Exxon Mobil No. 1 based on 16 hour well tests to be performed at least monthly by shutting in the opposite well. The test well will be flowed a minimum of 4 hours after the shut in of the opposite well prior to beginning the test itself to insure that the flowline is cleared of any product from the opposite well.

DDC Facility

Oil Production from VUA Delta Duck Club No. 1 and 8100 RA SUA Delta Duck Club No. 3 is routed to this facility and into individual separators. Low-pressure gas is measured with orifice meters, commingled in the gas gathering line and sent to compression on the VUA Facility. From the compressor, the gas is commingled in the glycol dehydration unit with high-pressure gas from the VUA facility wells. From there, it is routed to sales or gas lift.

Liquid from the separators is sent to the heater treater where it is commingled with liquid from the Compressor Scrubber on the VUA facility. Oil from the heater treater is routed to the stock tanks, where daily oil production is measured by tank gauge. Gas from the heater treater is used to fire the treater or vented. Water from the heater treater is routed to the gun barrel and then to the water disposal system. Oil skimmed from the gun barrel is sent to the stock tank and accounted for on the daily tank gauge. Oil sales will be allocated to the VUA Delta Duck Club No. 1, the 8100 RA SUA Delta Duck Club No. 3 and the VUA Facility Compressor Scrubber. Oil is sold by barge at this facility and sales are based on tank straps.

Barge Facility

Oil Production from 7200 RA SUA Delta Duck Club #2, and 8100 RA SUA Delta Duck Club #4 Units is routed to this facility and into individual separators. Low-pressure gas from each separator is measured with an orifice meter, commingled in the gas gathering line and sent to compression on the VUA Facility. From the compressor, the gas is commingled in the glycol dehydration unit with high-pressure gas from the VUA facility wells. From there, it is routed to sales or gas lift.

Liquid from each separator is commingled and sent to the free water knockout. From the free water knockout, oil is routed to the heater treater and water to the gun barrel. Oil from the heater treater is routed to the stock tanks, where daily oil production is measured by tank gauge. Gas from the heater treater is used to fire the treater or vented. Water from the heater treater is also routed to the gun barrel. Oil skimmed from the gun barrel is sent to the stock tank and accounted for on the daily tank gauge. Oil sales will be allocated to the 7200 RA SUA Delta Duck Club #2, the 8100 RA SUA Delta Duck Club #4 and the VUA Facility Gas Lift Scrubber. Oil is sold by barge at this facility and sales are based on tank straps. Water from the gun barrel is routed to the water disposal system.

High-pressure gas from the VUA Facility is sent to the Gas Lift Scrubber and from there to gas lift for 7200 RA SUA Delta Duck Club #2. All gas used for gas lift is measured with orifice meters. Liquid from the Gas Lift Scrubber flows through a liquid meter and is routed to the gun barrel. Periodic samples are taken from the Gas Lift Scrubber to determine hydrocarbon content and calculate monthly well tests for the Gas Lift Scrubber.

Measurement

Production volumes from each oil well are determined by well tests. Tests are conducted at least once a month. Liquid recovered by the Compressor and Gas Lift Scrubbers is allocated to individual wells based on metered gas volumes. Fuel gas production is allocated to individual wells based on metered volumes. Fuel gas is metered and allocated to individual wells based on metered gas volumes. All meters are proved monthly based on the guidelines in API-1101.

RAPHAEL PASS FIELD
COMMINGLING APPLICATION
EXHIBIT A

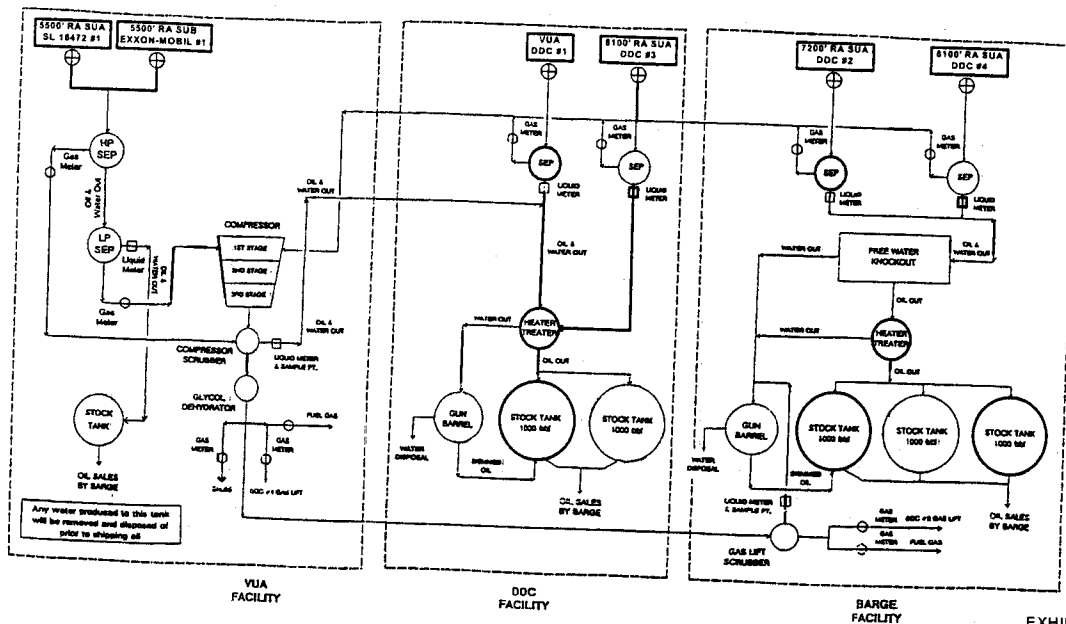


EXHIBIT "B"

JAMES A. WHITSON, JR.

RAPHAEL PASS FIELD
PLAQUEMINES PARISH, LOUISIANA

RAPHAEL PASS
COMMINGLING FACILITY No. 1

FRANK A. CORMIER & ASSOC. PET. ENGRS

GAS AND CONDENSATE ALLOCATION CALCULATIONS

VUA FACILITY PORTION ONLY

COMMINGLING FACILITY No. 1

5500' RA SUA; S/L 16472 #1 and 5500' RA SUB; Exxon-Mobil #1

Gas Allocation:

Wellhead Wet Metered Volume x *MF_i* = *Wellhead Dry Metered Volume*

$$\frac{\text{Dry Gas Metered Test Volume}}{\sum \text{Dry Gas Metered Test Volumes}} = \text{Gas Allocation Factor}$$

Allocated VUA Facility Dry Gas Volume x *Gas Allocation Factor* = *Allocated WH Dry Gas Volume*

Condensate Allocation:

$$\frac{\text{Condensate Test Volume}}{\sum \text{Condensate Test Volumes}} = \text{Condensate Allocation Factor}$$

VUA Facility Condensate Sales Volume x *Condensate Allocation Factor* = *Allocated WH Condensate Volume*

EXHIBIT "C"

JAMES A. WHITSON, JR.

RAPHAEL PASS FIELD
PLAQUEMINES PARISH, LOUISIANA
ALLOCATION OF GAS
AND CONDENSATE

VUA FACILITY PORTION ONLY
COMMINGLING FACILITY No. 1

FRANK A. CORMIER & ASSOC. PET. ENGR.